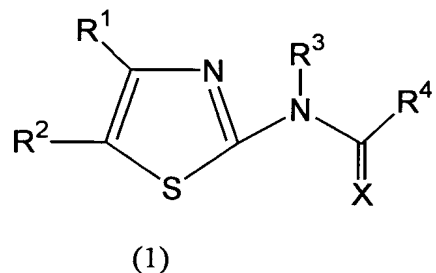


ABSTRACT

Novel 4-perfluoroalkylthiazole derivatives and the use as an insecticide and acaricide of the compounds of formula (1):



wherein

R¹ is C₂F₅, n-C₃F₇, i-C₃F₇, R² is H, halogen, cyano, alkoxy carbonyl, hydroxymethyl, haloalkyl, alkylthioalkyl, alkoxyalkyl, acyloxyalkyl, formyl, thiocyanatoalkyl, alkoxyiminomethyl, benzyloxyiminomethyl being optionally substituted by one or more of substituents, styryl being optionally substituted by one or more of substituents or phenyl being optionally substituted by one or more of substituents, R³ is H, alkyl, alkoxyalkyl or alkoxy, R⁴ is aryl, groups, being optionally substituted by one or more of substituents, X is O, S or NR⁵, R⁵ is alkyl, cycloalkyl, alkoxy, alkenylalkyloxy or alkynylalkyloxy.